Work order No: EE/Gen/DZ/W.O/21/12-13, Dt. 07-11-2012.

First and Final Bill.

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. ..... Providing Electrical repair and additional Light fittings 109260

Name of work ..... to parks at ward no-12. From..... To..... BR No : 62

Name of Contractor of nature of Agency ..... M/s. Vinayaka Electricals. Date : 20.01.14

Date of commencement of work..... 07-11-2012 SBR No : 45

Date : 20.01.14

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1. Supplying and fixing 80W lamps on existing fitting mounted on tubular pole.	—			10 Nos	205=00	2050=00
	2. Supply and fixing/replacing of choke for Mercury Vapour Lamp fitting in existing fitting mounted on tubular pole. a) 125 Watts 1. Group 'A'	—			10 Nos	506=00	5060=00
	3. Supply and fixing of 230V Porcelain Holder for 80/SV/MH Lamp a) 40-150W Lamp holder	—			3 Nos	74=00	222=00
	4. Supplying & fixing/replacement of ignitor suitable for 70 to 400 W SV/MH fitting 1 b). Group 'B'.	—			5 Nos	500=00	2500=00
	5. Supplying of LT e/s cable having alu conductor PVC cable with PVC outer sheathing 1.1 KV class 1 Class 'A' PVC cable a) 4 Core 16 Sq mm.	—			330 Mtrs	150=00	49500=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6.	Labour Charges for laying of 1.1 kV, CI/MS/GI pipe/stoneware pipe/cement concrete as required. i. By existing trench/duct d) 65 mm to 165 mm.	—	330 mtr			8 = 0	existing trench 2640 = 0
7.	Supply and fixing MCB on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF, energy (class-3) with short ckt. breaking capacity of 10 kA and complete wiring as required f). 40-63 Amps. ii) Group A.	—	3 Nos			1495 = 0	4485 = 0
8.	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers & wiring complete with AC-3 Rating and as per IS 13947, c). 60-70 Amps.	—	3 Nos			3865 = 0	11595 = 0
9.	Supplying tinned copper lugs and crimping & wiring to terminal for wire of the following size d) 16 sq.mm.	—	15 Nos			14 = 0	210 = 0
10.	Supplying and fixing Electromechanical timer (without contactor) using necessary bolts, nuts & washers complete Group A.	—	2 Nos			4200 = 0	8400 = 0

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

109261

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11.	Wiring for lighting / power ckt. Using one of PVC insulated 1100V grade multistrand Copper conductor single core cable in Open or Concealed system of wiring. @ 2.5 Sq mm.	—	500 Mtr	25=0		12500=0	
12.	Digging of 0.6m deep x 0.5 mtr wide trenching the trench to the required ground level and constructing etc. complete. as per Const SR. KSRB 1-2, P-9, b. by hard soil.	—	295 mtr	50=0		14750=0	
13.	Supplying and fixing angle iron frame work fabricated out of MS flat with 6mm washers etc. and painted with 2 coats of red oxide and then two coats of Approved paint. @ 40x40x6 mm.	—	6 mtr	240=0		1440=0	
14.	Fabricating Supplying and mounting MS Box made out of 16 SWG Suitable for floor mounting fully weather proof with provision						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for better heat dissipation, provided with Crimped with hamper proof locking arrangement with Suitable size clamps with necessary Wire gland as per Schedule 'B' Specification.					Unable	Entry page
15.	Fabricating Supplying and erecting of 1.6 mm thick sheet steel Coats of red oxide paint and finished with two coats of enamelled paint of approved quality & colour to match Plate of Suitable size. as per Schedule 'B' Specification a) 9 Nos (5 mm ϕ 165.1 mm dia 4.85 mm thick x 139.7 mm dia 4.50 mm thick x 2 Nos IS 410 SP 32	—	15000 Sq cm	0.33		Swaged tubular pole providing two	4950.00
16.	Supplying High pressure Suitable for use with high pressure die cast aluminium housing with low Copper content black/grey powder	114.3 mm dia 3.65 mm thick x 1 No				13500.00	13500.00
		250 W MH flood light luminaire complete with					
		high pressure mercury halide lamp with					
		coated pane toughened					

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

109262

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Fitting Suitable to operate on 230/250 Volts 50 Hz AC supply with 250W HP metal halide lamps, fit 250W in Group A:			—	2 Nos	8000=00	16000=00
					To total Rs.		149802=00
CQFC LC on RLSB (SE) 28/01/14	Deduction 2% towards scrap materials. (SL No: 1-11, 13, 14, Rs. 105552=00)					— Rs.	2111=04
					Net total Rs.		149690=96
	As per tender Schedule 'B'			4.98%	above (+) Rs.		7355=01
					Grand total Rs.		155045=00
	CERTIFICATE:— (1) I/We certify that the work done						Satisfactorily.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
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1	2	3	4	5	6	7	8
	(2). This is certified that the bill amount Claimed by any of the bill does not					Claimed by this previous bill.	
	For Vinayaka Electricals						
B:11 Amt: 155045/-	Proprietor						
IT(2%): 3101/-							
KST(4%): 6202/-							
Lic(1%): 1550/-	Location:- The whole work executed in Vinayakanagar						
CBP(0.2%): 155/-	Layout park - 2nd ward no - 12 Kuttihalli.						
SD(5%): 7752/-	155045/-						
Fine: 2000/-	134285/-						
T.D: 20760/-							
₹134285/-	One Lack, Thirty four Thousand Two Hundred Eighty five Only/-						
	Rs. 20760/-						

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Accounts Superintendent

Executive Engineer (Ele)
BBMP, Dasarahalli Division